

Remarks

Release notes with changes since version 6.2.1.

Upgrade Notes:

No special actions are required when upgrading from Appway 6.2.1 to 6.2.2.

Appway Platform (Core)

💡 Feature

Area	Importance	Description
DataTable	Medium	<p>A new source type "Data Class" has been added to the Data Table screen component. It will eventually replace the source type "Custom Model". The custom model is now marked as deprecated. The custom model doesn't persist local data class properties between two screen rendering phases. The new source type has been implemented to remedy this limitation.</p> <p>It works the same as the custom model, but instead of providing an instance of the model, you have to select the corresponding data class that shall be used. The whole instance life-cycle will then be handled by Appway, making sure it lives longer than for one page request only. To access the model, use the new function "DataTableModel(...)" with the id bound to the new property "Model Id Binding".</p> <p>The new source type has some more advantages:</p> <ol style="list-style-type: none"> 1. It is now possible to provide a description that defines the possibilities of the model. For instance it is possible to define each sortable and/or filterable column that can be used in the screen editor. Furthermore for each filter it is possible to define which operations and precisions can be handled by the model. Together with a string reference for each column/sorter/filter, the developer of the data class model has full control over the possibilities provided to the screen developer. 2. It is now possible to declare whether the a model is "steady" or "not steady" using the method "setSteady(boolean)" of the DataTableDescription. A table is steady if the content does not have to be cleared with every fetch request (default). This means if the user scrolls or changes a page, and then returns to the previous scroll position or page, no new fetch request is made. Instead the previously loaded rows will be displayed. If the table is not steady, the content of the browser will always be cleared, and thus re-fetched.
DataTable	Low	<p>It is now possible to define actions for two new events on a data table:</p> <p>"onready" is triggered when the table has loaded its data for the first time.</p> <p>"oncount" is triggered when the visible row count or the total row count of the table has changed.</p>
Workspace	Low	<p>[EXPERIMENTAL] The configuration property "nm.workspace.cache.version.enabled" may be used to force a browser to refetch cached workspace resources after an upgrade to a newer Appway version. If it is set to "true" (default is "false"), URLs in "<script>" and "<link>" elements in the HTML head section get a query string parameter "awv" with the current Appway version number as value. For development versions (ending with "-dev"), the startup timestamp is appended. Example URL: "/js/workspace.js?awv=6.2.2".</p>

🔧 Change

Area	Importance	Description
Cluster	Low	Cluster Read/Write Lock Service: Improved debug log messages.
Cluster	Low	Cluster Read/Write Lock Service: Performance: Using faster Hazelcast set/delete methods instead of put/remove methods.
Cluster	Low	Cluster Read/Write Lock Service: Removed first acquired timestamp from read/write lock.
Cluster	Low	Cluster Read/Write Lock Service: Removed unneeded update functionality on read/write lock.
Cluster	Low	Notifications: Switched off near cache for notification index entries map since it is not needed.
Screen Editor	Low	Mandatory Validator: The mandatory validator now supports controls bound to indexed or named collections, e.g. Dropdown List with multi-selection or Checkbox List. If the collection is empty (no values have been selected), the mandatory validator generates a validation error.
Workspace	Low	File Upload: Added HTML short attribute "capture" to the file upload element. This allows

		mobile devices to directly select a file from a capture device.
Workspace	Low	SDK: Replaced direct access to configuration property "nm.workspace.css.version" with an invocation of the new utility method "CssVersionUtils.getCssVersion()".
Workspace	Low	Server-Side Searchable Dropdown List (deprecated): Added "id" attribute to the input element to support web testing tools like Vitality or Selenium.

Bugfix

Area	Importance	Description
Administration	Low	Obliterate: Do not use date format pattern business objects to parse the date entered by the user. Always parse the date according to the pattern "yyyy-MM-dd" and show an error message if date cannot be parsed.
Business Object Repository	Low	Lock Management Service: Use specified TTL when requesting a business object lock.
Cluster	Low	Cluster Read/Write Lock Service: Do not allow to re-acquire a read lock if lock did not exist before.
Cluster	Low	Cluster Read/Write Lock Service: Reacquiring a read/write lock was not distributed.
Cluster	Low	Node State Service: Do not keep node state map entries in near cache for longer than map eviction time (5 minutes).
Cluster Log	Medium	Only perform cleanup on first node of the cluster.
Cluster Log	Low	Set near cache TTL to 9 minutes to avoid gap in timeline of Log Viewer studio module.
DataTable	Low	In paged mode, the current page index will now be restored after a page refresh.
Library	Low	Using backslashes (\) or dollar signs (\$) as characters for the name of a business object is now possible too. No exception is thrown anymore and the name will be displayed correctly in the library.
Process Editor	Medium	Embedded Sub-Process: Context menu action "Export to Sub-Process" did not work with swimlanes in the process.
Process Editor	Low	Embedded Sub-Process: Don't create more than one variable definition for the same variable when exporting an embedded sub-process.
Refactoring	Low	Refactoring a document or document set ID did not refactor the label containing its title ("DOCUMENT_TITLE-[id]" or "DOCUMENT_SET-[id]").
Refactoring	Low	Refactoring of a resource's ID failed if that resource was referenced from another resource (e.g. a CSS with an import URL to another CSS).
Screen Editor	Low	Ajax Update Area Action: The validation no longer generates a warning if an Ajax Update Area Action refers to a non-existing Ajax Update Area. The area could be located in another screen.
Script Language	Low	Method "moveElement(...)" in class "DataArray" invoked the callback method "entryMoved(...)" on the change listeners with wrong from-index, which is now fixed. This is mainly relevant for the DataAuditTrail extension which uses this callback to remember when an element is moved in an indexed collection.
Security	Medium	Always read security role names from configuration properties "nm.auth.roles.administrator" and "nm.auth.roles.user" instead of using hardcoded role names "Administrator" and "User".
Studio	Low	Administration: Data Sources: Accidental injection of background images in the meta data section will now be prevented.
Studio	Low	Rule Editor: Variable Editor: Opening a script editor for the default expression of a variable will now show a correct list of defined variables.
Workspace	Low	CSS: Removed the line-height of 1.4 for form fields in workspace CSS version "v3". This fix will keep the text inside the border of input fields.
Workspace	Low	Dropdown List: Added the validation border color for the dropdown lists.
Workspace	Low	Dropdown List: Changed color, font-size and padding of the multi-selection dropdown list to match the other dropdown list appearances.
Workspace	Low	Dropdown List: Fixed visual layout of multi-selection dropdown lists if the option "Text if disabled" is enabled.
Workspace	Low	Frame: Removed margin when user didn't apply them. This fix is needed to prevent the aw_displayComponent to create margins and ruining existing solutions.
Workspace	Low	Layout Manager: Removed check on the window size in window.resize() handler. This

		should fix some layout issues in IE 9 where content was sometimes not properly displayed after a page was loaded.
Workspace	Medium	Validation: Error messages in workspace CSS version "v3" now may contain "br" (line break) and "b" (bold) HTML tags, as in earlier workspace CSS versions "v1" and "v2".